

Initiative Definition BY20

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Template Name	BY2020
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Is this investment a consolidated business case?	No
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Consolidated Business Case Parent Investment(s)

Investment Name	BAS - Budget Automation System
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Investment Revision Number	39
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Point of Contact	Chin, Derek
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Revision Comment

Class	IT
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Descriptive Information BY20

UPI Information BY20

Agency	Environmental Protection Agency
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Bureau	Office Of The Chief Financial Officer
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EPA Investment Category/Type	Medium
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Change in Investment Status Identifier	No Change in Status
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Agency description of change in investment status	Retirement in FY 2019
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Name of this Investment	BAS - Budget Automation System
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Full UPI/UII Code	020-000010061 00-00-02-16-02-00
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Unique Investment Identifier 9 Digit Code	000010061
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Shared Services Category	00
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Shared Services Identifier	
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Mission Support Investment Category	Other
Part of Agency IT Portfolio Summary	IT Investments for Mission Support Systems
Standard IT Infrastructure and Management Category	Not Applicable
OMB Major Mission Area	Multi-Goal IT Investments
OMB Investment Type	02 - Non-Major IT Investment
National Security Systems Identifier	Non-National Security System Investment
Previous (UII) (12 digits required for all legacy investments)	020-000010061 00-00-01-01-02-00

OMB Short Description	BAS - Budget Automation System, formerly titled BFS - Budget Formulation System, is EPA's Budgeting System. As of 2011, this investment is detached from OCFO Legacy Financial System business case. Retirement to occur in FY 2019 depending upon BFS hosting project.
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EPA IT Project Code	BC
In which year did or will this investment begin? (Specify year - e.g., 2013)?	1997

In which year will this investment reach the end of its estimated useful life? (specify year - e.g., 2021)	2020
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Alignment to IT/IM Strategic Plan Initiatives:

The IT/IM Strategic Plan is an EPA-wide strategy that focuses on the strategic enterprise-wide needs that align with the administrator's priorities. The CIO SAC defined seven IT/IM Initiatives to help advance the strategy and drive change towards achieving the IT/IM Goal Statement. The CIO SAC is working to align Federal Information Technology Acquisition Reform Act (FITARA) and Capital Planning and Investment Control (CPIC) reviews with the Initiatives.

Initiative Priority	IT IM Strategic Initiatives
1 (required)	6. Align IT/IM resources with EPA's Mission Priorities
2 (optional)	
3 (optional)	

Provide the initiatives, goals or milestones that this investment plans to achieve in BY20.
Goal: Retire BAS by BY20.

Additional IT Portfolio Questions BY20

Data Center Inventory ID Table: The unique identifier (or list of the identifiers) from your agency's data center inventory, which is submitted to OMB on a quarterly basis in conjunction with the Integrated Data Collection (IDC).

Data Center Inventory ID

Data Center ID	Description
Functional/Business Sponsor Name	David Bloom
Functional/Business Sponsor Title	Deputy CFO
Functional/Business Sponsor Phone Number	2025641151
Functional/Business Sponsor Phone Number Extension	
Functional/Business Sponsor Email	bloom.david@epa.gov

BRM Mappings BY20

Primary BRM Mapping (FEA BRM v3.1)	101-Budget Formulation
Secondary BRM Mapping #1 (FEA BRM v3.1)	104-Strategic Planning
Secondary BRM Mapping #2 (FEA BRM v3.1)	
Secondary BRM Mapping #3 (FEA BRM v3.1)	
Secondary BRM Mapping #4 (FEA BRM v3.1)	

Financial BY20

Life Cycle Costs BY20

Provide the total estimated life cycle cost for this Investment by completing the following table. All totals represent all IT resources and budgetary sources of funding, consistent with the Agency IT Portfolio Summary. Totals are to be reported in millions of dollars. Variations from planned expenditures will be reflected in the Project Activities Table and the Agile Activities Table in the Major IT Business Case Detail. Federal personnel costs should be included only in the rows designated as "... Govt. FTE costs" and should be excluded from other costs.

For Multi-Agency Investments, this table should include all funding (both managing and partner Agency contributions), and subsequently may not match figures provided in the Agency IT Portfolio Summary.

To the degree possible, the costs associated with the entire life cycle of the Investment should be included in this table. Whether solutions being developed in an agile fashion or other development methodology, for years beyond BY+1, please provide your best estimates for planning purposes, understanding that estimates for out-year spending will be less certain than estimates for BY+1 or earlier.

For lines in the table that ask for changes in your current submission compared to your most recent previous submission, please use the FY 2019 President's Budget as your previous submission. When making comparisons, please ensure that you compare same-year-to-same-year (e.g., the FY18 level for 2018 versus the FY19 level for 2019). Significant changes from the previous submission should be reflected in an updated Investment-level Alternatives Analysis, subject to OMB review.

Agency IT Portfolio Summary BY20: BAS - Budget Automation System (Revision ...

Life Cycle Costs FOR PROJECT STAGES

* Costs in thousands

	PY - 6 2012 and Prior	PY - 5 2013	PY - 4 2014	PY - 3 2015	PY - 2 2016	PY - 1 2017	PY 2018	CY 2019	BY 2020	BY + 1 2021	BY + 2 2022	BY + 3 2023	BY + 4 2024	BY + 5 2025	BY + 6 2026	BY + 7 2027	BY + 8 2028 and Beyond	Total
Planning Costs																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DME (Excluding Planning) Costs																		
Budgetary Resources	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planning Govt. FTE Costs																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DME (Excluding Planning) Govt. FTE Costs																		
Budgetary Resources	390	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	390
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total DME Costs (Including Govt. FTE)																		
Budgetary Resources	474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	474
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Costs																		
Budgetary Resources	9619	899	1280	1138	628	824	537	537	0	0	0	0	0	0	0	0	0	15462
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disposition Costs (optional)																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Govt. FTE Costs																		
Budgetary Resources	1237	197	70	120	124	71	71	71	16	0	0	0	0	0	0	0	0	1977
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total O&M Costs (Including Govt. FTE)																		
Budgetary Resources	10856	1096	1350	1258	752	895	608	608	16	0	0	0	0	0	0	0	0	17439
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cost (Including Govt. FTE costs)																		
Budgetary Resources	11330	1096	1350	1258	752	895	608	608	16	0	0	0	0	0	0	0	0	17913
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government FTE Costs																		
Budgetary Resources	1627	197	70	120	124	71	71	71	16	0	0	0	0	0	0	0	0	2367
PY President's Budget																		
Total Budget (\$)							0	0										
Total Change (\$)							608	608										
Total Change (%)							0	0										

Funding Sources BY20

Use the following table to capture the source of all dollars used to fund this investment.

Funding Sources

* Costs in thousands

FS Name: MAX Code	Type	Row Type	2012 & Prior	2013	2014	2015	2016	2017	PY 2018	CY 2019	BY 2020	BY + 1 2021	BY + 2 2022	BY + 3 2023	2024	2025	2026	2027	2028 & Beyond	Total	BY Budget Authority
Environmental Programs and Management (EPM): 020-00-0108-0 Internal: Yes		DME	309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	309	0
		SS	7436.1	870.6	1101.6	982	600	769	532	532	16	0	0	0	0	0	0	0	0	12839.3	16
		Total	7745.1	870.6	1101.6	982	600	769	532	532	16	0	0	0	0	0	0	0	0	13148.3	16
Oil Spill Response: 020-00-8221-0 Internal: Yes		DME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Superfund (SF): 020-00-0250-0 Internal: Yes		DME	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165	0
		SS	1810.2	225.8	248.4	276	152	126	76	76	0	0	0	0	0	0	0	0	0	2990.4	0
		Total	1975.2	225.8	248.4	276	152	126	76	76	0	0	0	0	0	0	0	0	0	3155.4	0
Total Yearly Budgets: Internal: No		DME	474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	474	0
		SS	9246.3	1096.4	1350	1258	752	895	608	608	16	0	0	0	0	0	0	0	0	15829.7	16
		Total	9720.3	1096.4	1350	1258	752	895	608	608	16	0	0	0	0	0	0	0	0	16303.7	16

IT Towers and Cost Pools BY20

IT Tower - % Cost Allocation Table:

IT Tower - % Cost Allocation:

Use the following table to input the estimated percentage (%) of the BY2020 investment cost, that is applicable to each IT Tower. These percentages will determine the dollar amount provided in the IT Tower table in the budget submission. These percentages are estimates but must total 100%.

IT Tower	FY 2020
Data Center	0
Compute	0
Storage	0
Network	0
Output	0
End User	0
Application	80
Delivery	0
Security & Compliance	20
IT Management	0
Platform	0

Use the following tables to capture the investment's IT Tower and Cost Pool data. Each table represents a different view of the same total dollar amount for the investment.

IT Tower Table

IT Tower/Sub Tower	Role	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Data Center	Parent	0	0	0	0	0
Compute	Parent	0	0	0	0	0
Storage	Parent	0	0	0	0	0
Network	Parent	0	0	0	0	0
Output	Parent	0	0	0	0	0
End User	Parent	0	0	0	0	0
Application	Parent	807	520	520	16	0
Delivery	Parent	0	0	0	0	0
Security & Compliance	Parent	88	88	88	0	0
IT Management	Parent	0	0	0	0	0
Platform	Parent	0	0	0	0	0
Total		895	608	608	16	0

Cost Pool Table

Cost Pool/Sub Pool	Role	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Internal Labor	Parent	71	71	71	16	0
External Labor	Parent					0
Outside Services	Parent					0
Hardware	Parent					0
Software	Parent					0
Facilities & Power	Parent					0
Telecom	Parent					0
Other	Parent					0
Internal Services	Parent					0
Total		71	71	71	16	0

Provisioned IT Services Spending Costs BY20

Provisioned IT Services Spending Costs BY20

Cloud Computing Alternatives Evaluation

Cloud computing is NOT applicable for any portion of this Investment.

SaaS Provisioned IT Services Spending Summary

Cloud Type	DME (Planning, Development, Spending/Capital Spending)						Operational & Maintenance Spending [non-DME]					
	PY		CY		BY		PY		CY		BY	
	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions
Public Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Private Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Community Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Hybrid Cloud	0	0	0	0	0	0	0	0	0	0	0	0

IaaS Provisioned IT Services Spending Summary

Cloud Type	DME (Planning, Development, Spending/Capital Spending)						Operational & Maintenance Spending [non-DME]					
	PY		CY		BY		PY		CY		BY	
	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions
Public Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Private Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Community Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Hybrid Cloud	0	0	0	0	0	0	0	0	0	0	0	0

PaaS Provisioned IT Services Spending Summary

Cloud Type	DME (Planning, Development, Spending/Capital Spending)						Operational & Maintenance Spending [non-DME]					
	PY		CY		BY		PY		CY		BY	
	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions
Public Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Private Cloud	0	0	0	0	0	0	0	0	0	0	0	0
Community Cloud	0	0	0	0	0	0	0	0	0	0	0	0

nity Cloud												
Hybrid Cloud	0	0	0	0	0	0	0	0	0	0	0	0

Provisioned IT Services (Non-Cloud) Spending Summary

Cloud Type	DME (Planning, Development, Spending/Capital Spending)						Operational & Maintenance Spending [non-DME]					
	PY		CY		BY		PY		CY		BY	
	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions	Agency Funding	Contributions
Other Provisioned Services (non- cloud)	0	0	0	0	0	0	0	0	0	0	0	0

TBM Alignment Matrix BY20

TBM Alignment Matrix BY20

Use the below set of matrices to align TBM Cost Pool and IT Tower data for individual fiscal years.

TBM Matrix Table

Year	Cost Pool	IT Security & Compliance	Data Center	Compute	Storage	Network	Output	End User	IT Management	Delivery	Application	Platform	Undefined	Total
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